

Assignments Unit 1

Do as you have time, do not worry about days!

- day 0 You have arrived at my website. Way to go!
{You will note that the tabs on my site are : assignments/notes/exercises/
programs!/video learning. These will be the main places you visit. Exit tickets,
MC quizzes, Lab quizzes, and tests will be sent directly to your emails.}
1. click on programs! tab and print or open unit1programspart1. You will be using this for unit 1. The key is also provided because it may offer a tad more clarity. Go back to Video Learning and select the next video AP CS A Unit1 V1. You will learn to create, compile, and run your first program. Watch entire video carefully. Keep key available just in case.
 2. Next you will try to do program 2 on your own. Please follow instructions. Once you get your code compiled and run successfully, please purposely make an error so that you can learn something new. Making errors is good, we learn that way. Please send me an email stating what error you made and what messages you received. It is a big thing to help one another with debugging (finding errors and resolving them) because you both improve!!
- day 1A From the Notes/Exercises tab print out notesunit1 and unit1exercises. This is the entire blank notes for unit 1. You will take notes on it while watching AP CS A Unit1 V2. When you have completed the video and notes you are ready to try the first set of exercises. Check your work after you have done all exercises. (Note keys for notes and exercises are available right next to items) Please send an email/text if you have any questions for me.
- day 1B Start on notesunit1 under operations with integers. Watch video AP CS A Unit1 V3. Once you have finished do second set of exercises. After you have finished checking your exercises, send me an email/text to let me know you are ready for Exit Quiz 1.0. Return completed exit quiz to my email.
- day 2 Go to notesunit1 under Scanner Objects and Simple Programs. Watch video AP CS A Unit1 V4. Once you have finished do program#3 under unit1programspart1. This includes a review on Scanner objects. After all is complete, go on to fourth and fifth programs. Go complete Third set of exercises and verify your work is correct. Please text me if you have any questions for me.

day 3 Go to notesunit1 page 4 “Casting”. Pull up video AP CS A Unit1 V5, take notes as you watch. Once you finish the video and the notes go to the fourth set of exercises. Verify your work after you are done. Under unit1programspart1 do program 6. Under unit1programspart2 do programs 2,3, and 6. When this is complete send me a text letting me know you are ready for Exit Quiz 1.2. (Exit Quiz 1.1 will be tomorrow)
Text at any point with any problems/questions!

day 4 Unit1 Notes - “The modulus operator. “
Pull up video AP CS A Unit1 V6. Once you have taken notes please do the fifth set of exercises and check your answers. Next, go on to work on programs 7,8,9 of unit1programspart1 and 9,10,11 of unit1programspart2. Request Exit Quiz 1.1

You should be noticing that much of our time is spent on programming itself. You should be getting faster as we practice the same skills.

day 5 Practice day - if you complete below start on day 6 as well.
Watch video Unit1 BonusStringConcatenation video. After that type in practiceit.cs.washington in your browser. You will need to get an account to practice here. Select the top option Building Java Programs 5th Edition. Do SelfCheck 2.1-2.3 and 2.5-2.9. (NOTE: 2.5 requires you to show answers in double quotes. Once a variable or value that is a number is concatenated with a String literal - the new value is a String. ie: 3+ 5+ “balsa” + 2+1 becomes “8bolsa21”)

day 6 Practice Quiz and Practice Exam both MC

day 7 TEST DAY: Unit 1 Half-Test MC and Lab Quiz - written like AP exam. Both parts can be done in 45 minutes.

